3.1.7 2030 Commercial Energy End-Use Splits, by Fuel Type (Quadrillion Btu)

	Natural Gas	Fuel Oil (1)	LPG	Other Fuel(2)	Renw. En.(3)	Site Electric	*Site* Total	*Site* Percent	Primary Electric (4)	Primary Total	Primary Percent
Lighting						1.20	1.20	11.4%	3.63	3.63	16.0%
Space Heating	1.76	0.17		0.07	0.11	0.18	2.29	21.8%	0.53	2.65	11.7%
Ventilation						0.68	0.68	6.5%	2.06	2.06	9.1%
Space Cooling	0.04					0.59	0.62	5.9%	1.78	1.82	8.0%
Electronics						0.44	0.44	4.2%	1.34	1.34	5.9%
Refrigeration						0.37	0.37	3.6%	1.13	1.13	5.0%
Water Heating	0.61	0.02			0.03	0.10	0.75	7.2%	0.29	0.95	4.2%
Computers						0.21	0.21	2.0%	0.62	0.62	2.7%
Cooking	0.23					0.02	0.26	2.4%	0.07	0.30	1.3%
Other (5)	0.63	0.02	0.15	0.05	0.01	1.36	2.21	21.0%	4.12	4.97	21.8%
Adjust to SEDS (6)	0.49	0.11				0.88	1.48	14.1%	2.67	3.27	14.4%
Total	**3.76**	**0.32**	**0.15**	**0.12**	**0.15**	**6.01**	**10.51**	100%	**18.25**	**22.75**	100%

Note(s): 1) Includes (0.25 quad) distillate fuel oil and (0.07 quad) residual fuel oil. 2) Kerosene (0.01 quad) and coal (0.06 quad) are assumed attributable to space heating. Motor gasoline (0.05 quad) assumed attributable to other end-uses. 3) Comprised of (0.11 quad) biomass, (0.03 quad) solar water heating, (0.01 quad) solar PV, and (less than 0.01 quad) wind. 4) Site-to-source electricity conversion (due to generation and transmission losses) = 3.04. 5) Includes service station equipment, ATMs, telecommunications equipment, medical equipment, pumps, emergency electric generators, combined heat and power in commercial buildings, and manufacturing performed in commercial buildings. 6) Energy adjustment EIA uses to relieve discrepancies between data sources. Energy attributable to the commercial buildings sector, but not directly to specific end-uses.

Source(s): EIA, Annual Energy Outlook 2011 Early Release, Dec. 2010, Summary Reference Case Tables, Tables A2, p. 3-5, Table A5, p. 11-12, and Table A17, p. 34-35; EIA, National Energy Modeling System (NEMS) for AEO 2011 Early Release, Dec. 2010; EIA, Supplement to the AEO 2011 Early Release, Dec. 2010, Table 32.